## ABSTRACT OF THE DISCLOSURE

Light from an object is incident to an image sensing device and converted into an image signal. The image sensing device is exposed to the light by a shutter, provided between the object and the solid-state image sensing device, for a first exposure period and a second exposure period that directly follows the first exposure period. The first and the second periods are the same length in time. Each exposure period for exposing the solid-state image sensing device to the light corresponds to one frame or one filed of the object. A passage of the light that has passed the shutter and incident to the solid-state image sensing device is shifted in a predetermined direction with respect to the solid-state image sensing device at least in the second exposure period. Image signals converted for the first and the second exposure periods are combined to generate a composite image signal.